

## ABSTRACT OF THE DISCLOSURE

The present invention ~~aims to provide~~provides a projector that surely reduces or prevents the deformation of a lens cap even when the cap is ~~put~~placed on a projection lens while a lamp is on, without powering off the lamp. A projector ~~1~~ according to the invention includes a ~~lamp 13, lamp~~, liquid crystal panels ~~17R, 17G, and 17B~~ that modulate light from the ~~lamp 13, lamp~~, a projection lens that projects the modulated light, a lens cap that protects the projection lens, a detector ~~5~~ that detects the lens cap on the projection lens, and a projected display controller ~~18~~ that controls the liquid crystal panels ~~17R, 17G, and 17B~~ so as to block or reduce the light from the lamp ~~13~~ if the lens cap is found to be detected based on a signal from the ~~detector 5~~detector.